

Appl. No. 10/576,136
Amdt. dated April 27, 2009
Reply to Office action of Nov. 5, 2008

Amendments to the Specification:

Please insert the following title on page 1 after the title:

BACKGROUND OF THE INVENTION

Please replace the title on page 1, line 5 with the following amended title:

Background Description of the Prior Art

Please replace the paragraph on page 2, line 22 with the following amended paragraph:

It is an object of the present invention to provide a multi-layer display capable of simultaneously displaying images on at least two image screens that may overlap from a viewing position and that retain their appearance regardless of the overlap of the images.

Please replace the paragraph on page 3, line 25 with the following amended paragraph:

The alternation of images or part of the image screens has to be fast, preferably at rates from 20 Hz or more in order to minimize the perceived flicker by a viewer. The phenomenon of flicker is well known ~~from~~ from for example television sets or data monitor using cathode ray tubes.

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Please replace the paragraph on page 4, line 20 with the following amended paragraph:

In yet a further embodiment according to the invention, wherein the first and second image screen are arranged to synchronously alternate only the overlapping part of the first and second images, as viewable along the viewing axis perpendicular to the light source, the area that needs alternation is ~~minimised~~ minimized thereby substantially reducing flicker of the image screens.

Please replace the paragraph on page 6, line 3 with the following amended paragraph:

According to this embodiment ~~according~~ of the invention, displayed images on the first and second image ~~screen~~ screens that overlap from a viewing point, which is usually more or less along an axis perpendicular to the light source, retain their correct appearance. Images appear as opaque. No undesired interference occurs. So even a white image can appear correctly on top of a black image.

Please replace the paragraph on page 6, line 20 with the following amended paragraph:

The third and fourth ~~embodiment~~ embodiments combined give when viewed together an occluded or black appearing background, whereas the first and second image appear overlapping with their appearance preserved. The colour saturation of overlapping images is preserved optimally.

Please replace the paragraph on page 8, line 27 through page 9, line 3 with the following amended paragraph:

The image screens 3, 4 are transparent and fit for displaying images having an appearance in at least one of colour and grey tone. Furthermore the image screens 3,4 can in whole or in part be occluded, which means that viewed from a ~~viewers~~ viewer's position towards the light source 2, the occluded part of either of the image screens 3,4 appears as black. Such image screens 3, 4 can be liquid crystal displays (LCD's), but other technologies can be possible.

Please replace the paragraph on page 10, line 26 with the following amended paragraph:

Fig 4e shows the two image screens 3 and 4 overlapping, viewed from the viewers position 13, whereby the images 8 and 9 partially overlap, the image 9 is viewed as being on top of image 8, and the appearances of the two images in the overlapping part 10 ~~ne~~ do not interfere.

Please replace the paragraph on page 12, line 1 with the following amended paragraph:

The result as shown in fig 5e is that 1) what is perceived as background, the non-image parts of image screens 3 and 4 combined, is darker and 2) the objects appear with the proper occlusion.